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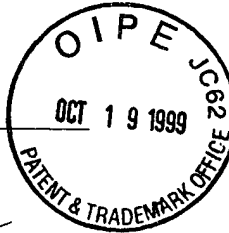
On

10/13/99

TOWNSEND and TOWNSEND and CREW LLP

By:

Kevin H. Walker



Attorney Docket No.: 018547-018570US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

GINGERAS *et al.*

Application No.: 09/285,306

Filed: April 2, 1999

For: MYCOBACTERIAL *rpoB*
SEQUENCES

Examiner: Siew, Jeffrey

Art Unit: 1653

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

AMENDMENT

Box SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Examiner's Communication mailed September 17, 1999, Applicants submit herewith the required paper copy and computer readable copy of the Substitute Sequence Listing. Please amend the specification in adherence with 37 C.F.R. §§ 1.821-1.825 as follows.

IN THE SPECIFICATION:

Please cancel the present "SEQUENCE LISTING" and insert therefor the accompanying paper copy of the Substitute Sequence Listing, page numbers 1 to 58, at the end of the application.